

## REMARKS/ARGUMENTS

In the Final Office Action, the Examiner has rejected claims 1 and 3-6 under 35 U.S.C. 103(a) as being unpatentable over Wallstedt et al. (US Patent No. 5,903,834; hereinafter “Wallstedt”) in view of Dent (US Patent No. 5,832,389). In addition, the Examiner has rejected claim 2 under 35 U.S.C. 103(a) as being unpatentable over Wallstedt in view of Dent and further in view of Ogawa (US Publication No. 2003/0185287; hereinafter “Ogawa”). The Examiner’s rejection is fully traversed below.

The Applicant respectfully reiterates the arguments submitted to the Examiner and submits that the claimed invention is patentable over the cited art. Nevertheless, solely in order to expedite prosecution claims 1 and 6 have been amended to recite yet another feature that is neither taught nor suggested by the cited art. More particularly, claims 1 and 6 have been amended to recite that the radio frequency signal can be received from a terminal located between the sending antenna and the receiving antenna (see, for example, paragraph 20 and Figure 1 of the present application).

It is respectfully submitted that Wallstedt and Dent taken alone and in proper combination do not teach or suggest: *plurality of receiving antennas around the sending antenna for receiving the radio frequency signal from a terminal device located between the sending antenna and the receiving antennas* (claims 1 and 6). It is evident that Dent’s antenna tower 35 does not teach or even remotely suggest this claimed feature. Accordingly, it is respectfully submitted that claims 1 and 6 are patentable over Wallstedt and Dent.

Furthermore, it is respectfully submitted that the Examiner has not established a prima facie case of obviousness because the mere assertion that “it is well known to have a plurality of receiving antennas” does not address the specific claimed feature of: *receiving synthesis unit is connected to each one of the plurality of receiving antennas by the wired cable and performs diversity receiving with respect to the received radio frequency signals from the plurality of receiving antennas* (claim 1). Moreover, it is respectfully submitted that the cited art does not teach or suggest this claimed feature and therefore claim 1 is patentable over the cited art for this additional reason.

Still further, it is respectfully submitted that the cited art does not teach or suggest: a receiving synthesis in a main unit case, wherein the receiving synthesis performs *diversity receiving* on radio frequency signals received from a plurality of receiving antennas.

Diversity receiving can reduce phasing variation and suppress degradation of the quality of the received signals (present application, paragraph [0025]). It is noted that Wallstedt describes macro diversity (Wallstedt, col. 8, lines 21-34), e.g., a diversity combining unit. However, it is respectfully submitted that neither Wallstedt nor Dent teach or suggest diversity receiving on radio frequency signals received *from the plurality of receiving antennas*. Accordingly, it is respectfully submitted that claims 1 and 6 are patentable over the cited art for yet an additional reason.

Based on the foregoing, it is submitted that the claims are patentably distinct over the cited art of record. Additional limitations recited in the independent claims or the dependent claims are not further discussed because the limitations discussed above are sufficient to distinguish the claimed invention from the cited art. Accordingly, Applicant believes that all pending claims are allowable and respectfully requests a Notice of Allowance for this application from the Examiner.

Applicant believes that all pending claims are allowable and respectfully requests a Notice of Allowance for this application from the Examiner. Should any fee be required for any reason related to this document, the Commissioner is hereby authorized to charge said fee to Deposit Account No. 504481, referencing Docket No. MES1P093. Should the Examiner believe that a telephone conference would expedite the prosecution of this application, the undersigned can be reached at the telephone number set out below.

Respectfully submitted,  
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